

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(high-pass or (high adj pass) or HPF) adj (FIR or (finite adj impulse adj response) adj filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:28
		5 and (combin\$4 or blend\$5 or mix\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 08:44
		interpol\$5 and (((polyphase adj filters) or (two adj filters) or filters) and weight\$6 and combin\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:19
		interpol\$5 and ((polyphase adj filters) or (two adj filters) or filters) and weight\$6 and combin\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 08:23
L1	2	("6839152").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/21 08:36
L2	2	("20040001234").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/21 08:41
L3	1712677	filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 08:41
L4	13340	FIR adj filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 08:41

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L5	3808	4 and interpol\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 08:43
L6	2844	5 and (combin\$4 or blend\$5 or mix\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 09:40
L9	14	((("20040001234") or ("6701024") or ("6965406") or ("6795587") or ("6411305") or ("5323232") or ("6839152")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/21 09:41
L10	0	9 and (high adj frequency adj level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 09:41
L11	4	9 and (high adj frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 09:41
L12	7	9 and (high adj frequencyadj component)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 09:42
L13	2	9 and (high adj frequency adj component)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 09:53
L14	0	(interpolating adj using adj filters) with combining	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 09:54

## EAST Search History

L15	39	combining with (interpolat\$4 adj filters)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 10:04
L16	76	(two with filter with (interpolation or interpolating or interpolate)) with (combining or blending or adding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 10:18
L17	30	((interpolation adj filters) or (interpolation adj means)) with (combining or blending or adding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 10:23
L20	5	("4768092"   "4985764"   "5093721"   "5708474"   "6330032").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:31
L21	0	("7136107").URPN.	USPAT	OR	ON	2006/11/21 10:31
L22	0	("7136107").URPN.	USPAT	OR	ON	2006/11/21 10:31
L23	0	("2006/0164555").URPN.	USPAT	OR	ON	2006/11/21 10:32
L24	6	("4875017"   "5220414"   "5491520"   "5621478"   "5790205"   "5848181").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:39
L29	4346	(adding with filter with output)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:41
L30	0	(interpolating with two with fitlers) with 29	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:40
L31	0	(interpolating with fitlers) with 29	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:40
L32	0	(interpolating with two adj filters) with 29	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:40
L33	10	(interpolating with two with filters) with 29	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:41
L34	46	(interpolating with filters) with 29	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:42

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L35	5831	(adding with filter with output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 12:41
L36	46	(interpolating with filters) with 29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 12:42
L37	57	(interpolating with filters) with 35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 12:42
L38	57	(interpolating with filters) with 35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 13:32
L39	2	("6411305").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/21 14:12
L40	26	((("5257326") or ("6411305") or ("20040001234") or ("5327257") or ("5953465") or ("5774601") or ("20020094130") or ("20020015162") or ("6839152") or ("6795587") or ("6965406") or ("5323232") or ("6701024"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/21 14:15
L41	1	40 and (polyphase and (one-dimensional) or (one adj dimensional) or (1-d)) and (FIR or (finite adj impulse adj response))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:23
L42	0	40 and polyphase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:31

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L43	2440	polyphase with filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:38
L44	3	((one adj dimensional) or (1-d)) with polyphase with (FIR or (finite adj impulse adj response))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:40
L45	2440	polyphase with filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:40
L46	362	(FIR or (finite adj impulse adj response)) with polyphase with filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:27
L47	48	(high-pass or (high adj pass) or HPF) adj (FIR or (finite adj impulse adj response)) adj filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:31
S1	9	US-4468693-\$.DID. OR US-5008752-\$.DID. OR US-5054100-\$.DID. OR US-5327257-\$.DID. OR US-5774601-\$.DID. OR US-5889895-\$.DID. OR US-5953465-\$.DID. OR US-6175659-\$.DID. OR US-6535651-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 10:01
S2	2756	382/276,277,293,298,299,300.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 10:06
S3	1383	S2 and (interpolation or interpolate or interpolating or interpol\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 10:07
S4	219	S3 and ((two adj filters) or ((first adj filter) and (second adj filter)) or (sharp\$4 and smooth\$5) and weight\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 13:35

## EAST Search History

S5	30	S2 and polyphase	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 13:36
S6	18124	interpol\$5 and (((polyphase adj filters) or (two adj filters) or filters) and weight\$6 and combin\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:21
S7	922	S6 and (high adj frequency) and (FIR or (finite adj impulse adj response))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/17 15:42
S8	26	(first adj filter) and (second adj filter) and (interpolating or interpolation or interpolator or interpolate) and ((combine or combining or combination) with (weight or weighting))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/17 15:44
S9	2	("20040001234").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/20 07:35
S10	1	("2004/0001642").URPN.	USPAT	OR	ON	2006/11/20 07:46
S11	14	("4849914"   "5239390"   "5363209"   "5515452"   "5583659"   "5745596"   "5900953"   "6058214"   "6324305"   "6343154"   "6400844"   "6633670"   "6839152"   "6850651").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 08:00
S12	2	("6839152").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/20 08:00
S13	11	("4877310"   "5027078"   "5166810"   "5239390"   "5243444"   "5339170"   "5457754"   "5799112"   "6101285"   "6233060"   "6603877").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 08:05
S14	451	interpolating with using with filter	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 08:07

## EAST Search History

S15	537	interpolating with using with filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/20 15:02
S16	15574	combining with filters	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/20 15:02
S17	1388	S16 and (interpol\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/20 15:02